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REMARKS/ARGUMENTS

Claims 1-21 and 23-26 are pending in the application. Claims 1, 21 and 24 are independent. Claims 1, 21, 24 and 25 are amended.

In sections 3 and 4 on pages 2 and 3, the Office Action rejects claim 25 under 35 U.S.C. §112, 2nd paragraph, as allegedly being indefinite. This rejection is respectfully traversed for at least the following reasons.

Claim 25 is amended to address this rejection. Support in the specification for the subject matter added to claim 25 can be found in, for example, section [0037] 2nd paragraph.

It is respectfully submitted that claim 25, as amended, is definite. Therefore, it is respectfully requested that the rejection of claim 25 as allegedly being indefinite be withdrawn.

In section 5 on pages 3-4, the Office Action rejects claims 24-26 under 35 U.S.C. §101, alleging that the subject matter recited therein is directed to non-statutory subject matter. This rejection is respectfully traversed for the following reasons.

Claim 24, from which claims 25 and 26 depend, is amended to recite, "[a] computer-readable medium memory." It is respectfully submitted that a computer-readable medium memory constitutes statutory subject matter under 35 U.S.C. §101. Therefore, it is respectfully requested that the rejection of claims 24-26 as allegedly being directed to non-statutory subject matter be withdrawn.

In section 7 on pages 4-12, the Office Action rejects claims 1-21 and 23-26 under under 35 U.S.C. §103(a) as allegedly being unpatentable over U.S. Patent Publication No. 2004/0085953 to Davis in view of "Forwarding Engine for Fast Routing Lookups and Updates" by Yu. This rejection is respectfully traversed.

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Claim 24 recites, "an address including at least 128 bits" in combination with the other

subject matter recited therein. Claims 1 and 21 contains similar recitations. Support for this

subject matter added to the independent claims by this Amendment can be found, for example, in

section [0010] of the specification. It is respectfully submitted that neither Davis nor Yu

disclose, teach or suggest a method or computer-readable medium memory applicable, according

to the combinations recited in the rejected claims, to an address including at least 128 bits.

Claims 2-20, 23, 25 and 26 are allowable based at least on their dependence from claims

1, 21 and 24, respectively, for the reasons stated above in connection with claims 1, 21 and 24.

For at least the foregoing reasons, it is respectfully requested that the rejection of claims

1-21 and 23-26 as allegedly being unpatentable over Davis in view of Yu be withdrawn.

CONCLUSION

While we believe that the instant amendment places the application in condition for

allowance, should the Examiner have any further comments or suggestions, it is respectfully

requested that the Examiner telephone the undersigned attorney in order to expeditiously resolve

any outstanding issues.

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In the event that the fees submitted prove to be insufficient in connection with the filing

of this paper, please charge our Deposit Account Number 50-0578 and please credit any excess

fees to such Deposit Account.

Respectfully submitted,
KRAMER & AMADO, P.C.

Date: __August 1, 2007__

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